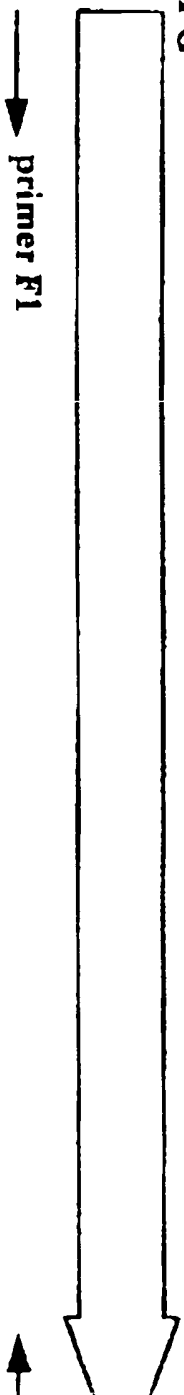


*P37/ptaA* 1026 bp

ATG

TGA



primer B]

F1



F2 :  $\Delta$  22 a.a.



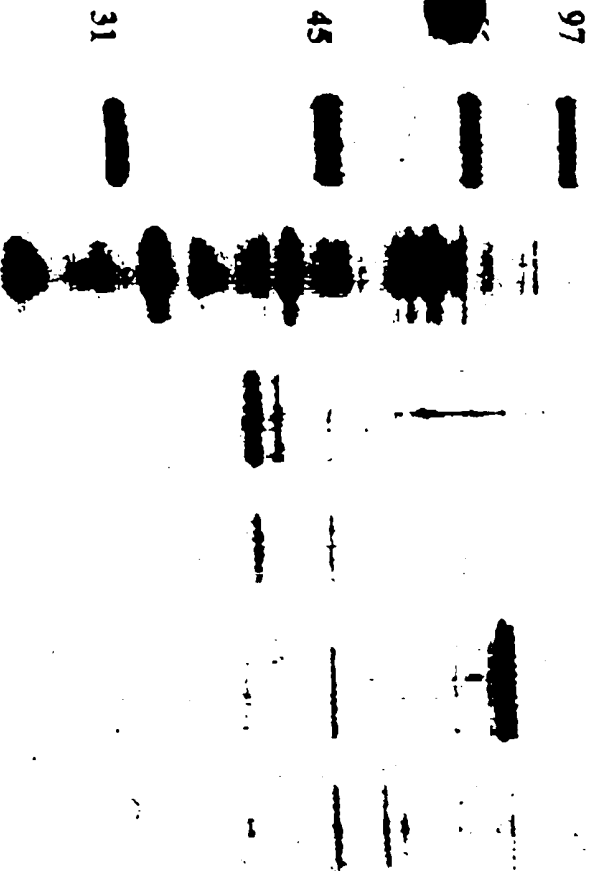
F3 :  $\Delta$  79 a.a.

Fig. 1

A

*E. coli* lysates

Bb vector only F1 F2 F3



B

*E. coli* lysates

Bb vector only F1 F2 F3



Fig. 2

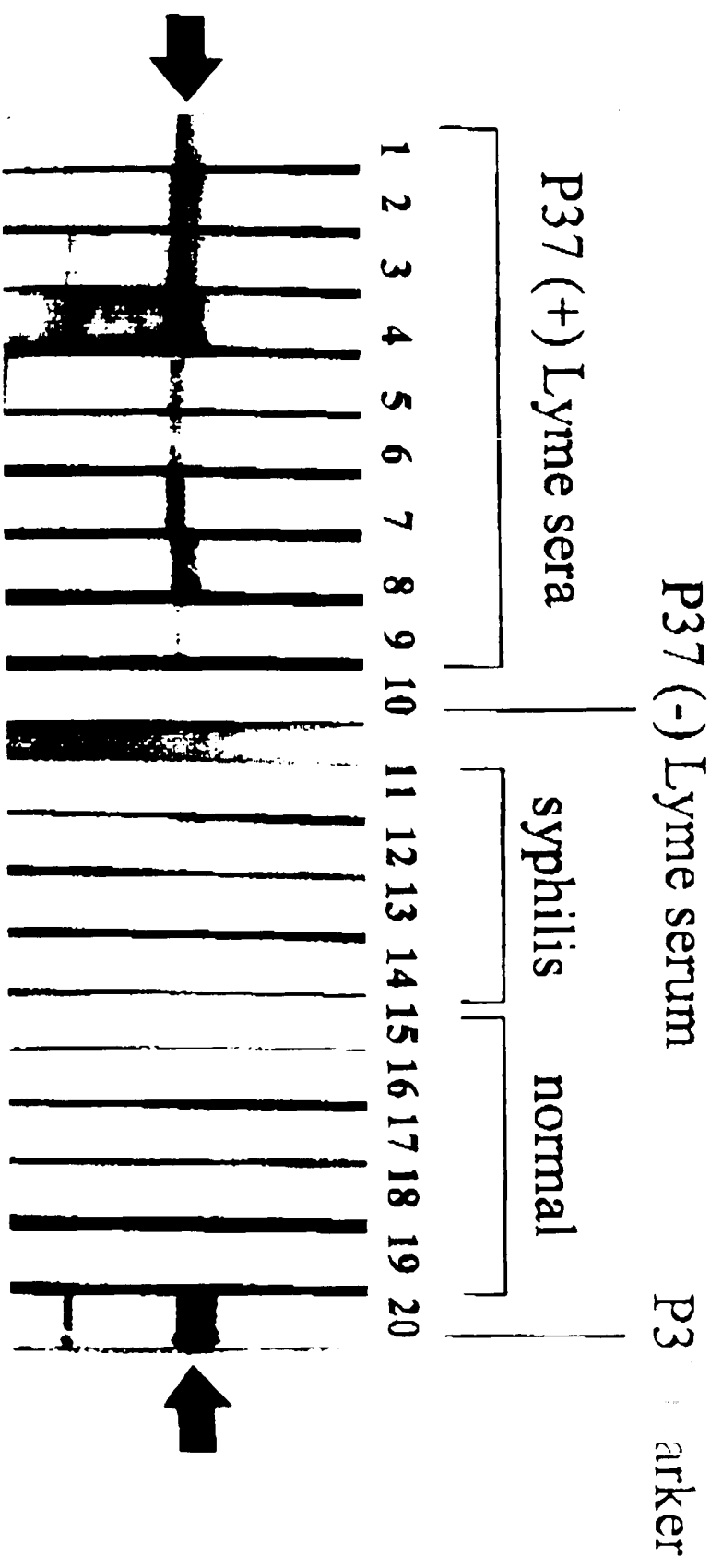


Fig 3

Bb

-	-	-	+/	-	-	-	+	-	-	-	-	-	-	-	+	-	-	-	-
---	---	---	----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

rP37

-	-	-	-	+/	-	-	-	-	+	-	-	+/	-	-	+	-	-	-	-
---	---	---	---	----	---	---	---	---	---	---	---	----	---	---	---	---	---	---	---

M

n3 n4

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Bb

+	-	+	+	+	+	+	+	-	-	+	+	+	-	-	+	+	+	-	+/
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

rP37

+	-	+	+	+	+	+	+	-	-	+	+	+	-	-	+	+	+	-	+/
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

M

n2 n3 n4

21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40